

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT

```

SSSSSSSS  CCCCCCCC  RRRRRRRR  CCCCCCCC  HH      HH  KK      KK  RRRRRRRR  EEEEEEEEEEE  VV      VV
SSSSSSSS  CCCCCCCC  RRRRRRRR  CCCCCCCC  HH      HH  KK      KK  RRRRRRRR  EEEEEEEEEEE  VV      VV
SS      CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
SS      CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
SS      CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
SS      CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
SSSSSSS  CCCCCC  RRRRRRRR  CCCCCC  HHHHHHHHHH  KKKKKK  RRRRRRRR  EEEEEEEEE  VV      VV
SSSSSSS  CCCCCC  RRRRRRRR  CCCCCC  HHHHHHHHHH  KKKKKK  RRRRRRRR  EEEEEEEEE  VV      VV
      SS  CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
      SS  CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
      SS  CC  CC      RR      CC  CC      HH      HH  KK      KK  RR      RR  EE      VV      VV
SSSSSSSS  CCCCCCCC  RRRRRRRR  CCCCCCCC  HH      HH  KK      KK  RR      RR  EEEEEEEEEEE  VV      VV
SSSSSSSS  CCCCCCCC  RRRRRRRR  CCCCCCCC  HH      HH  KK      KK  RR      RR  EEEEEEEEEEE  VV      VV

```

```

LL          IIIII
LL          IIIII
           IIII
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LL          II
LLLLLLLLLL IIIII
LLLLLLLLLL IIIII
           SSSSSS
           SSSSSS
           SS
           SS
           SS
           SS
           SSSSS
           SSSSS
           SS
           SS
           SS
           SS
           SSSSS
           SSSSS

```

```
0001 0 *TITLE 'EDT$SCRCHKREV - reverse video in select range'
0002 0 MODULE EDT$SCRCHKREV ( ! Reverse video in select range
0003 0 IDENT = 'V04-000' ! File: SCRCHKREV.BLI Edit: JBS1004
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module checks to see if the current line is within
0037 1 the select range, and forces the screen into normal or
0038 1 reverse video, accordingly.
0039 1
0040 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0041 1
0042 1 AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979
0043 1
0044 1 MODIFIED BY:
0045 1
0046 1 1-001 - Original. DJS 12-Feb-1981. This module was created by
0047 1 extracting the routine CHECK_REVERSE from module SCREEN.
0048 1 1-002 - Regularize headers. JBS 13-Mar-1981
0049 1 1-003 - Revise the definition of EDT$G CS CHNO. JBS 27-Dec-1982
0050 1 1-004 - Improve the appearance of the listing. JBS 17-Jun-1983
0051 1 --
0052 1
```

EDTSSCRCHKREV
V04-000

EDTSSCRCHKREV - reverse video in select range
Declarations

F 12
16-Sep-1984 01:29:22
14-Sep-1984 12:24:22

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]SCRCHKREV.BLI;1

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```
.. 54      0053 1  %SBTTL 'Declarations'
.. 55      0054 1  |
.. 56      0055 1  | TABLE OF CONTENTS:
.. 57      0056 1  |
.. 58      0057 1  |
.. 59      0058 1  REQUIRE 'EDTsrc:TRAROUNAM';
.. 60      0497 1  |
.. 61      0498 1  FORWARD ROUTINE
.. 62      0499 1  EDTSSC_REVIDCHK : NOVALUE;
.. 63      0500 1  |
.. 64      0501 1  |
.. 65      0502 1  | INCLUDE FILES:
.. 66      0503 1  |
.. 67      0504 1  |
.. 68      0505 1  REQUIRE 'EDTsrc:EDTREQ';
.. 69      0640 1  |
.. 70      0641 1  |
.. 71      0642 1  | MACROS:
.. 72      0643 1  |
.. 73      0644 1  |     NONE
.. 74      0645 1  |
.. 75      0646 1  | EQUATED SYMBOLS:
.. 76      0647 1  |
.. 77      0648 1  |     NONE
.. 78      0649 1  |
.. 79      0650 1  | OWN STORAGE:
.. 80      0651 1  |
.. 81      0652 1  |     NONE
.. 82      0653 1  |
.. 83      0654 1  | EXTERNAL REFERENCES:
.. 84      0655 1  |
.. 85      0656 1  |     In the routine
```

```

87 0657 1 %SBTTL 'EDTSSC_REVIDCHK - reverse video in select range'
88 0658 1
89 0659 1 GLOBAL ROUTINE EDTSSC_REVIDCHK (      ! Reverse video in select range
90 0660 1   CP                                ! Current position in line buffer
91 0661 1   ) : NOVALUE =
92 0662 1
93 0663 1 ++
94 0664 1 FUNCTIONAL DESCRIPTION:
95 0665 1
96 0666 1     This routine checks to see if we are inside the select range, and forces
97 0667 1     the screen into either reverse or normal video based on the result.
98 0668 1
99 0669 1 FORMAL PARAMETERS:
100 0670 1
101 0671 1   CP                      Current position in the line buffer
102 0672 1
103 0673 1 IMPLICIT INPUTS:
104 0674 1
105 0675 1     EDTSSG_CS_CHNO
106 0676 1     EDTSSL_CS_LN
107 0677 1     EDTSSL_SEL_LN
108 0678 1     EDTSSA_SEL_POS
109 0679 1     EDTSSG_TI_TYP
110 0680 1     EDTST_LN_BUF
111 0681 1
112 0682 1 IMPLICIT OUTPUTS:
113 0683 1
114 0684 1     NONE
115 0685 1
116 0686 1 ROUTINE VALUE:
117 0687 1
118 0688 1     NONE
119 0689 1
120 0690 1 SIDE EFFECTS:
121 0691 1
122 0692 1     Puts the screen in either normal or reverse video.
123 0693 1
124 0694 1 --
125 0695 1
126 0696 2 BEGIN
127 0697 2
128 0698 2 EXTERNAL ROUTINE
129 0699 2     EDTSSC_CMPPPOS,
130 0700 2     EDTSSC_REVID : NOVALUE,
131 0701 2     EDTSSC_NONREVID : NOVALUE;
132 0702 2
133 0703 2 EXTERNAL
134 0704 2     EDTSSG_CS_CHNO,      ! character position of cursor.
135 0705 2     EDTSSL_CS_LN : LN_BLOCK, ! relative line number of cursor line.
136 0706 2     EDTSSL_SEL_LN : LN_BLOCK, ! Relative line number of select.
137 0707 2     EDTSSA_SEL_POS,      ! select position.
138 0708 2     EDTSSG_TI_TYP,      ! Terminal type.
139 0709 2     EDTST_LN_BUF;      ! Current line buffer.
140 0710 2
141 0711 2 LOCAL
142 0712 2   CPOINT;
143 0713 2
```

EDTSSCRCHKREV
V04-000

EDTSSCRCHKREV - reverse video in select range
EDTSSC_REVIDCHK - reverse video in select ran

H 12

16-Sep-1984 01:29:22
14-Sep-1984 12:24:22

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]SCRCHKREV.BLI;1

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```
: 144      0714  2      CPOINT = CH$PTR (EDT$ST_LN_BUF, .CP);
: 145      0715
: 146      0716
: 147      0717      IF (.EDT$G_TI_TYP EQL TERM_VT100)
: 148      0718      THEN
: 149      0719          IF (EDT$$$SC_CMPPPOS (.CPOINT, EDT$SL_CS_LN, EDT$ST_LN_BUF + .EDT$G_CS_CHNO) NEQ
: 150      0720              EDT$$$SC_CMPPPOS (.CPOINT, EDT$SL_SEL_LN, .EDT$A_SEL_POS))
: 151      0721      THEN
: 152      0722          EDT$$$SC_REVID ()
: 153      0723      ELSE
: 154      0724          EDT$$$SC_NONREVID ();
: 155      0725
: 156      0726      END;
```

! of routine EDT\$\$\$SC_REVIDCHK

.TITLE EDTSSCRCHKREV EDTSSCRCHKREV - reverse video in
select range

.IDENT \V04-000\

.EXTRN EDT\$\$\$SC_CMPPPOS, EDT\$\$\$SC_REVID

.EXTRN EDT\$\$\$SC_NONREVID

.EXTRN EDT\$G_CS_CHNO, EDT\$SL_CS_LN

.EXTRN EDT\$SL_SEL_LN, EDT\$A_SEL_POS

.EXTRN EDT\$G_TI_TYP, EDT\$ST_LN_BUF

.PSECT _EDT\$CODE, NOWRT, SHR, PIC, 2

.ENTRY EDT\$\$\$SC_REVIDCHK, Save R2,R3,R4,R5

MOVAB EDT\$ST_LN_BUF, R5

MOVAB EDT\$\$\$SC_CMPPPOS, R4

MOVAB EDT\$ST_LN_BUF, R0

ADDL3 CP, R0, CPOINT

CMPL EDT\$G_TI_TYP, #2

BNEQ 2\$

MOVL EDT\$G_CS_CHNO, R0

PUSHAB EDT\$ST_LN_BUF[R0]

PUSHAB EDT\$SL_CS_LN

PUSHL CPOINT

CALLS #3, EDT\$\$\$SC_CMPPPOS

MOVL R0, R3

PUSHL EDT\$A_SEL_POS

PUSHAB EDT\$SL_SEL_LN

PUSHL CPOINT

CALLS #3, EDT\$\$\$SC_CMPPPOS

CMPL R3, R0

BEQL 1\$

CALLS #0, EDT\$\$\$SC_REVID

RET

CALLS #0, EDT\$\$\$SC_NONREVID

RET

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```
003C 00000
55 00000000G 00 9E 00002
54 00000000G 00 9E 00009
50 00000000G 65 9E 00010
50 04 AC C1 00013
02 00000000G 00 D1 00018
3D 12 0001F
50 00000000G 00 D0 00021
6540 9F 00028
00000000G 00 9F 0002B
52 DD 00031
64 03 FB 00033
53 50 D0 00036
00000000G 00 DD 00039
00000000G 00 9F 0003F
52 DD 00045
64 03 FB 00047
50 53 D1 0004A
08 13 0004D
00000000G 00 00 FB 0004F
04 00056
00000000G 00 00 FB 00057 1$:
04 0005E 2$:
```

; Routine Size: 95 bytes, Routine Base: _EDT\$CODE + 0000

```
: 157      0727  1
: 158      0728  1 !<BLF/PAGE>
```

EDT
V04-

EDT\$SCRCHKREV
V04-000

EDT\$SCRCHKREV - reverse video in select range
EDT\$\$\$SC_REVIDCHK - reverse video in select ran

1 12
16-Sep-1984 01:29:22
14-Sep-1984 12:24:22

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]SCRCHKREV.BLI;1

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: 160 0729 1 END
: 161 0730 1
: 162 0731 0 ELUDOM

! of module EDT\$SCRCHKREV

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	95	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	6	1	40	00:00.2
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:SCRCHKREV/OBJ=OBJ\$:SCRCHKREV MSRC\$:SCRCHKREV.BLI/UPDATE=(ENHS:S
CRCHKREV)

: Size: 95 code + 0 data bytes
: Run Time: 00:10.4
: Elapsed Time: 00:30.8
: Lines/CPU Min: 4217
: Lexemes/CPU-Min: 11475
: Memory Used: 64 pages
: Compilation Complete

0138

AH-BT13A-SE
VAX/VMS V4.0

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